

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-4 (Cancelled)

5. (previously presented) The combination single screw extruder and cooling liquid according to claim 20 with a screw LT/De ratio of between 2 and 10.

6. (previously presented) The combination single screw extruder and cooling liquid according to claim 20 wherein the H/wc ratio is under 0.2.

7-12 (Cancelled)

13. (Withdrawn)

14. (Withdrawn)

15. (previously presented) The combination single screw extruder and cooling liquid according to claim 20 with a screw LT/De ratio of between 2 and 5.

16-19 (cancelled)

20. (previously presented) A combination single screw extruder and cooling liquid comprising an extruding screw and a barrel, said extruding screw having a length (LT) in contact with the barrel, a pitch length (Sp) and a screw diameter (De), said combination comprising cooling means constituted by a cooling circuit comprising said cooling liquid, said extruding screw being characterised by from 3 to 4 thread starts and pitch angle defined as  $\text{Arctg}(Sp/Pi.De)$  of between 32 and 42 degrees, said cooling liquid being ammonia.

21-23 (cancelled)